

FIG. 1

He and other Gasses

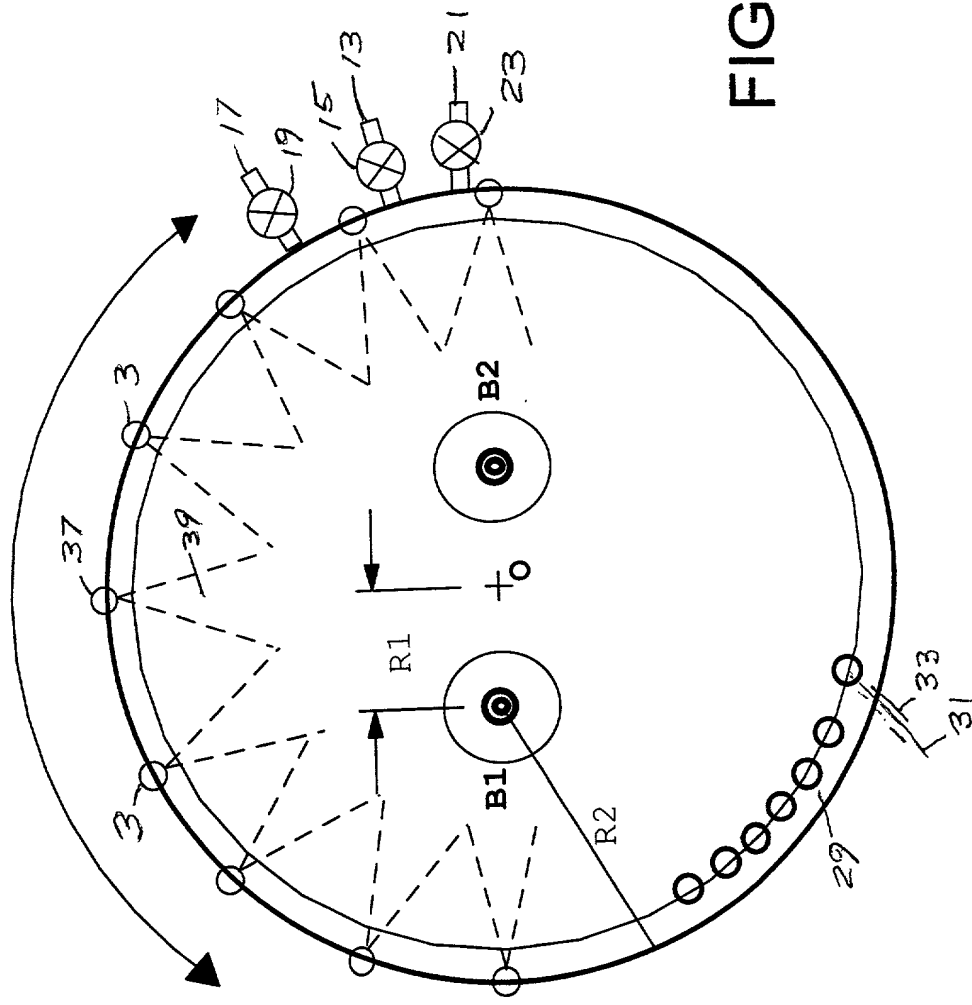
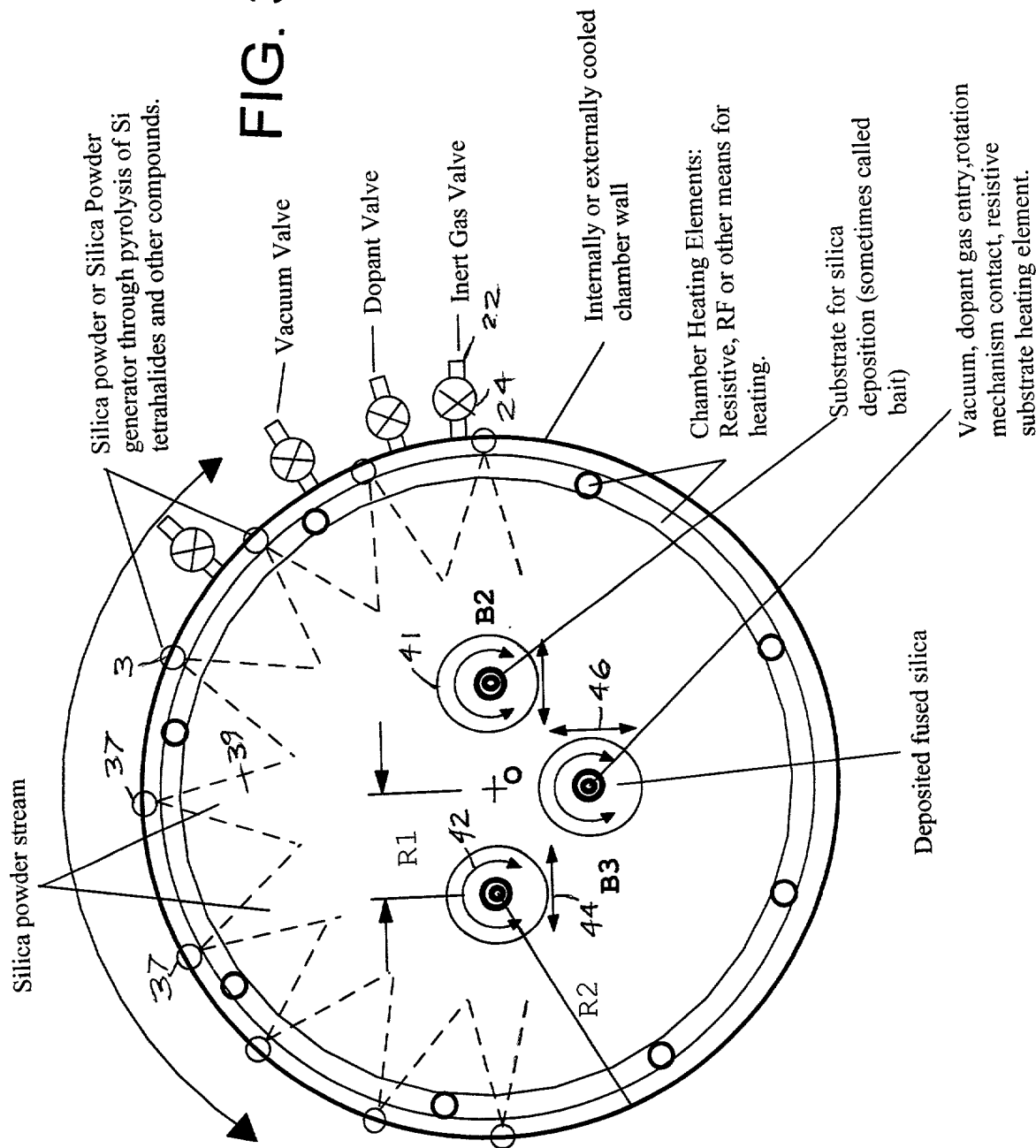


FIG. 2



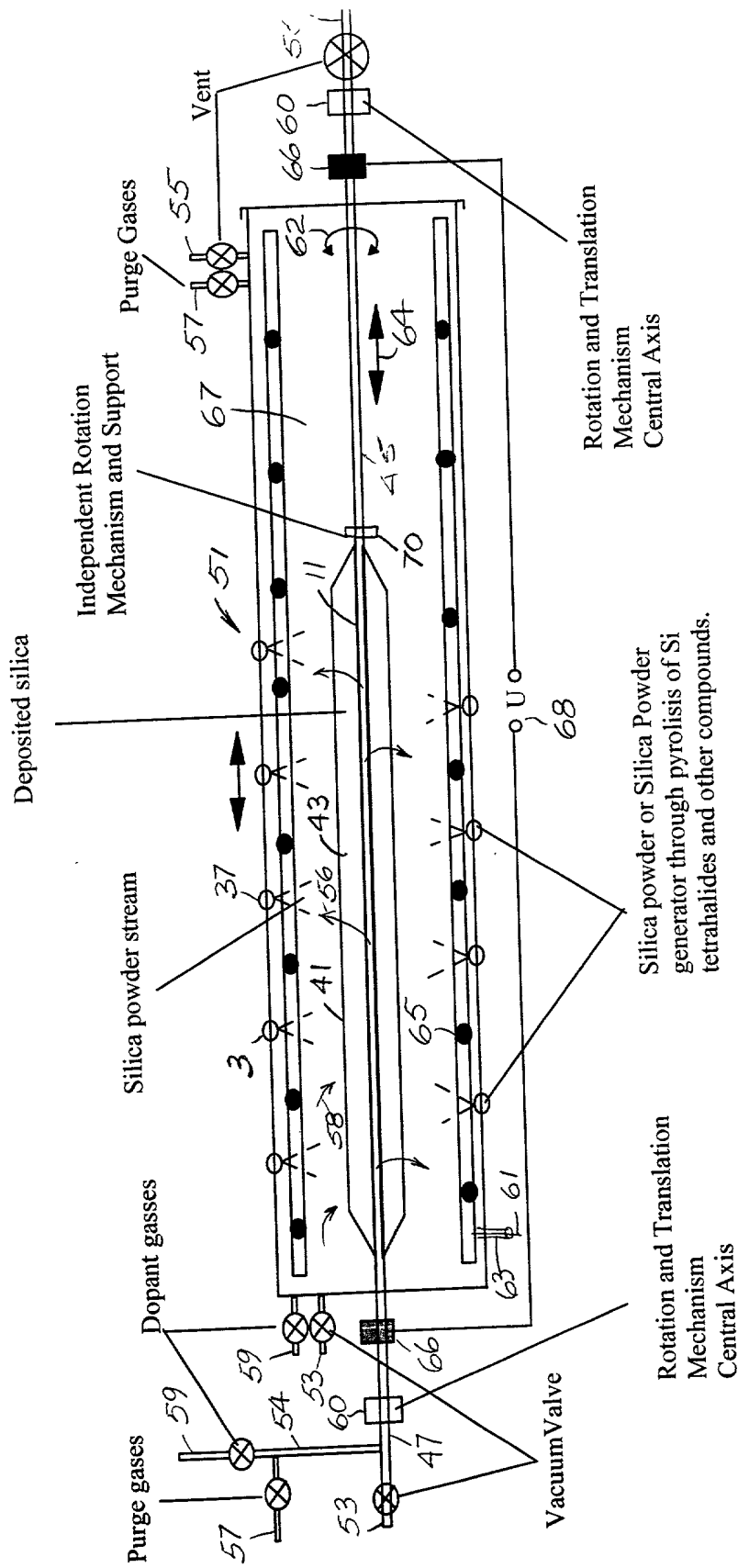


FIG. 4

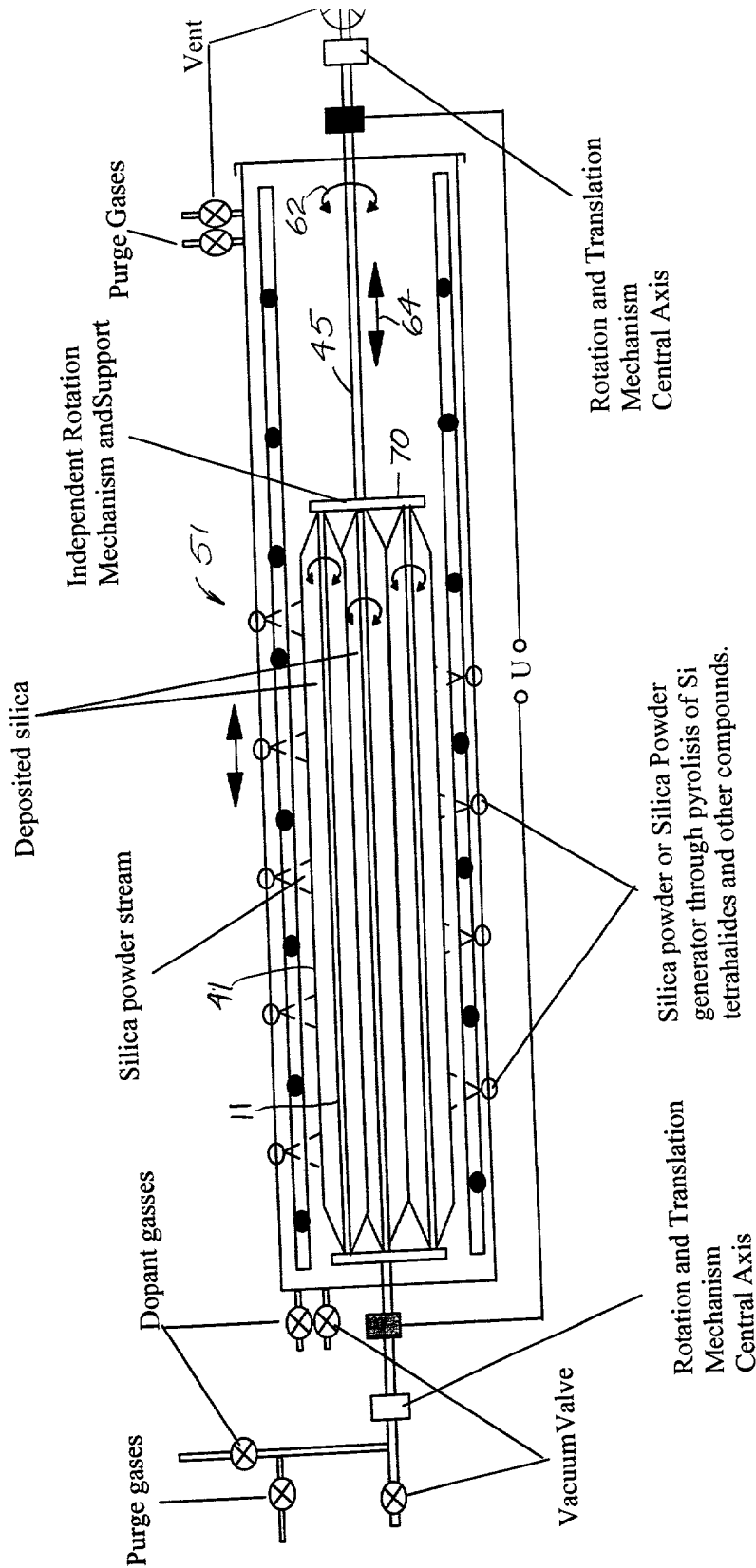


FIG. 5

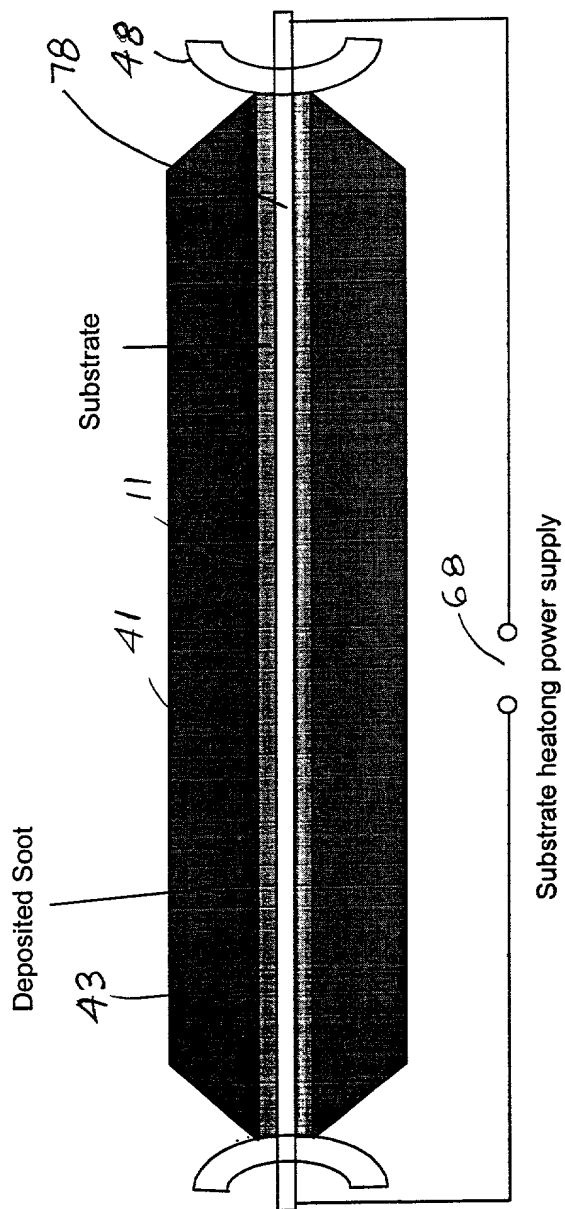
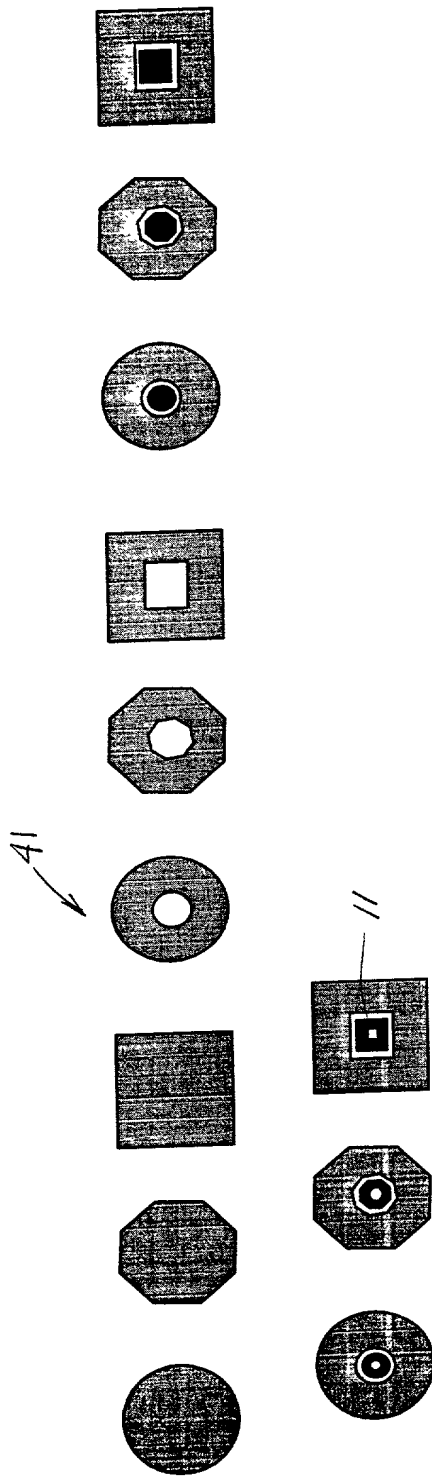


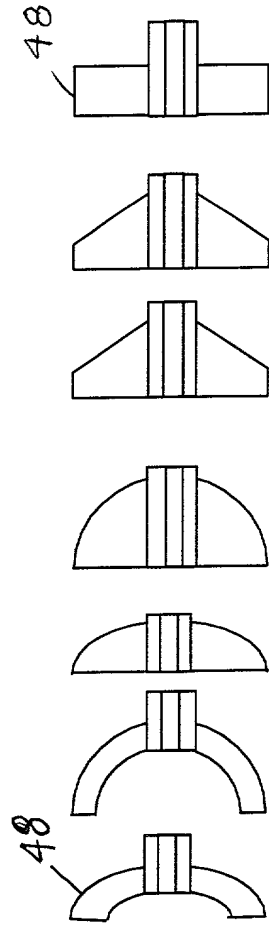
FIG. 6

105130-4603200



Preform and Substrate cross sections

FIG. 7



Substrate end attachments

FIG. 8

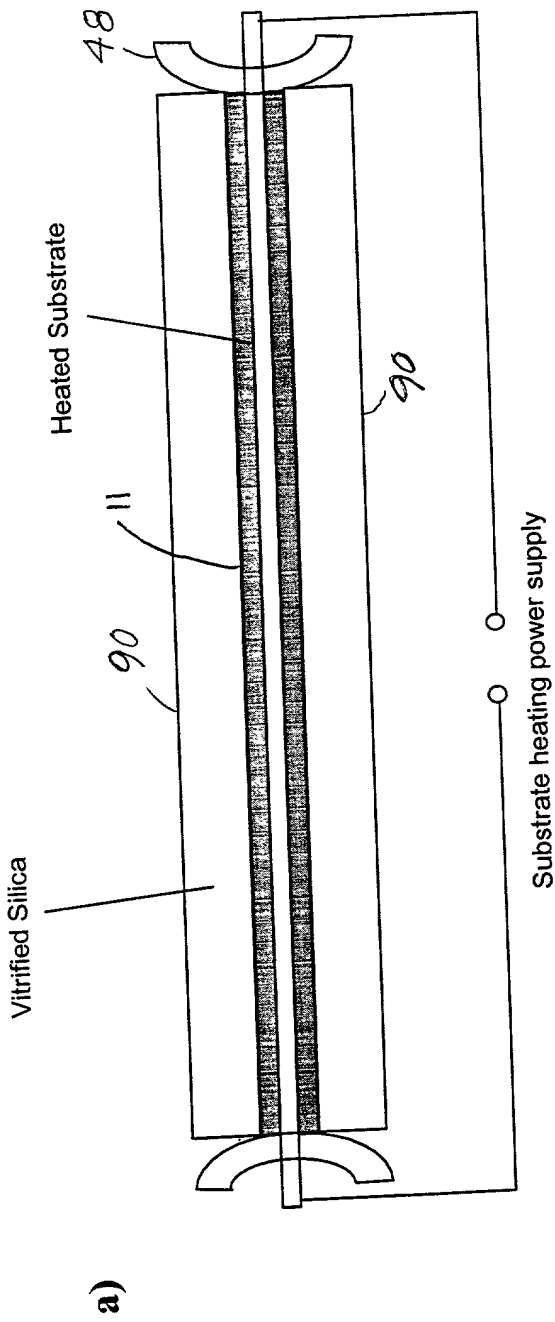
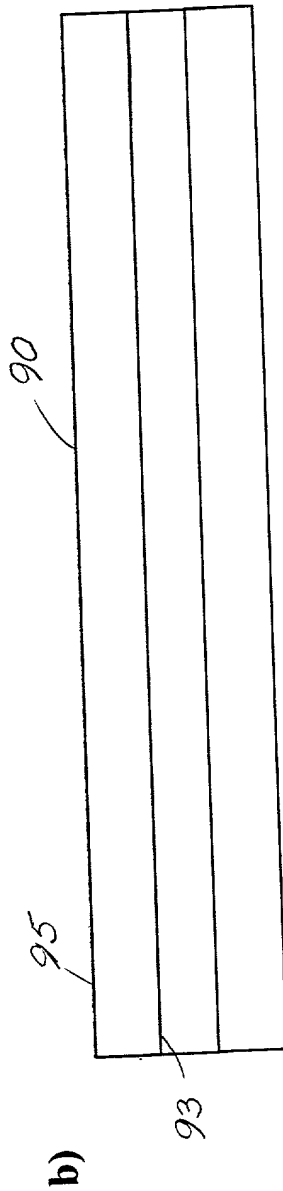
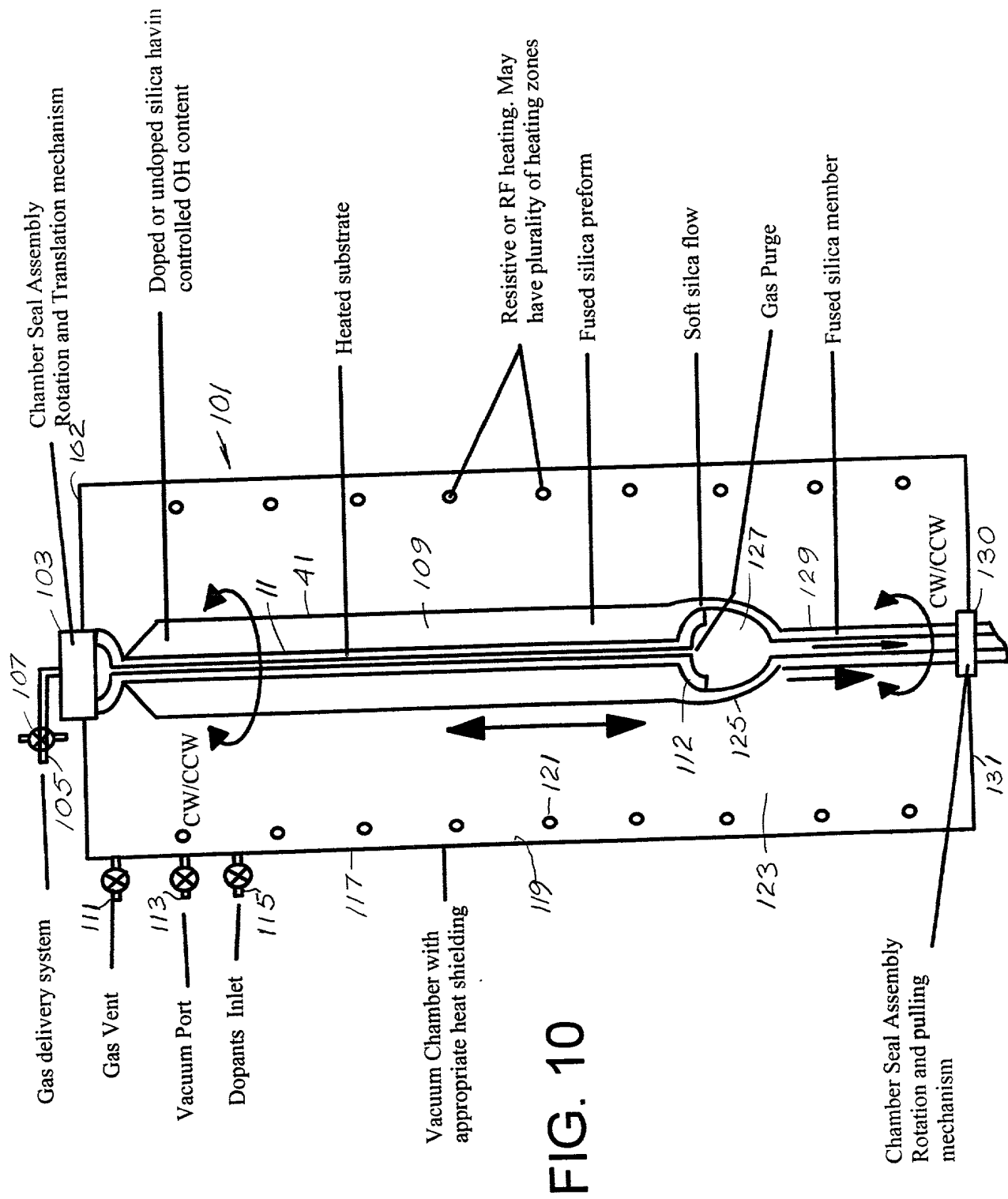


FIG. 9A



Silica Tube Member

FIG. 9B



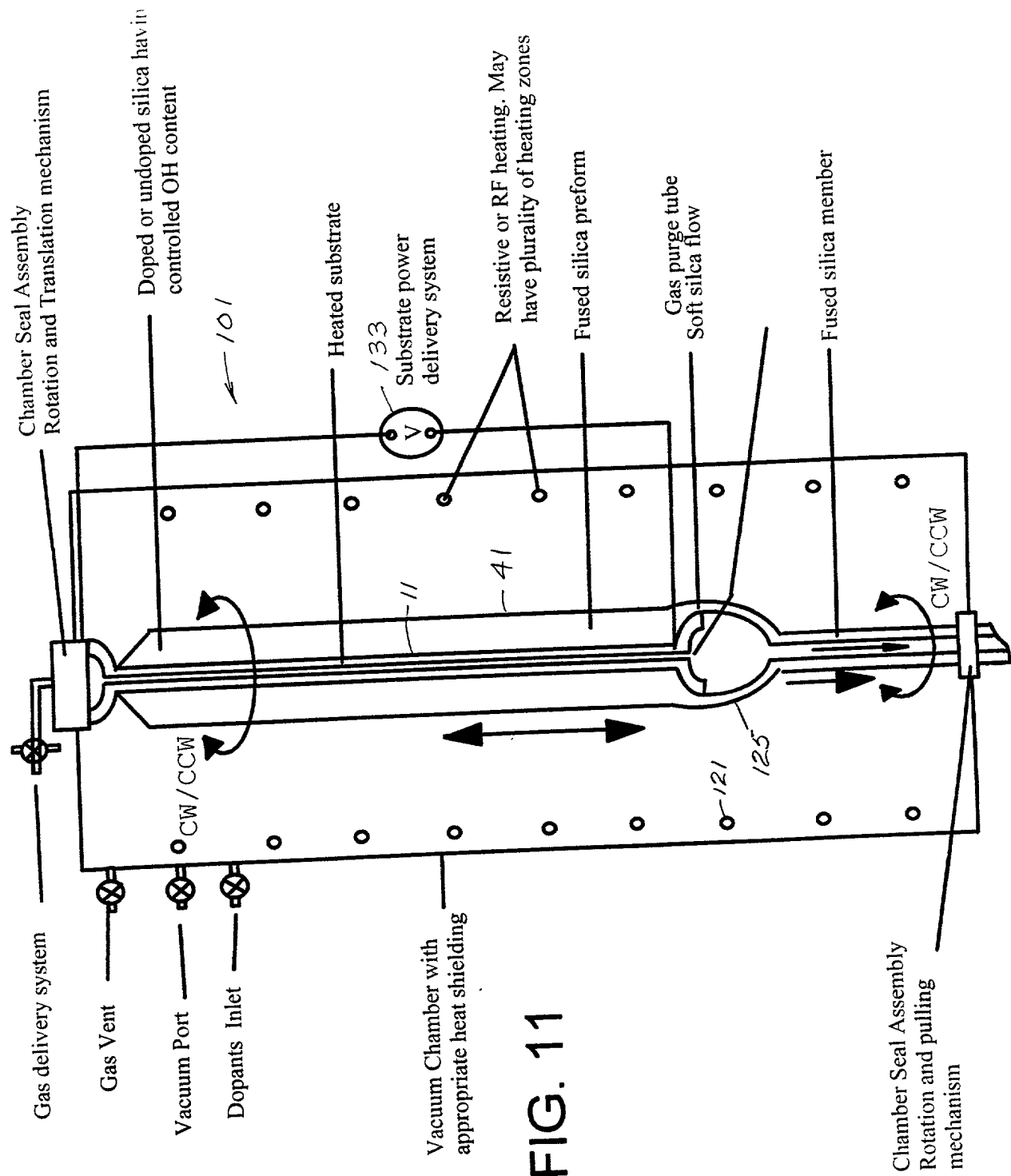
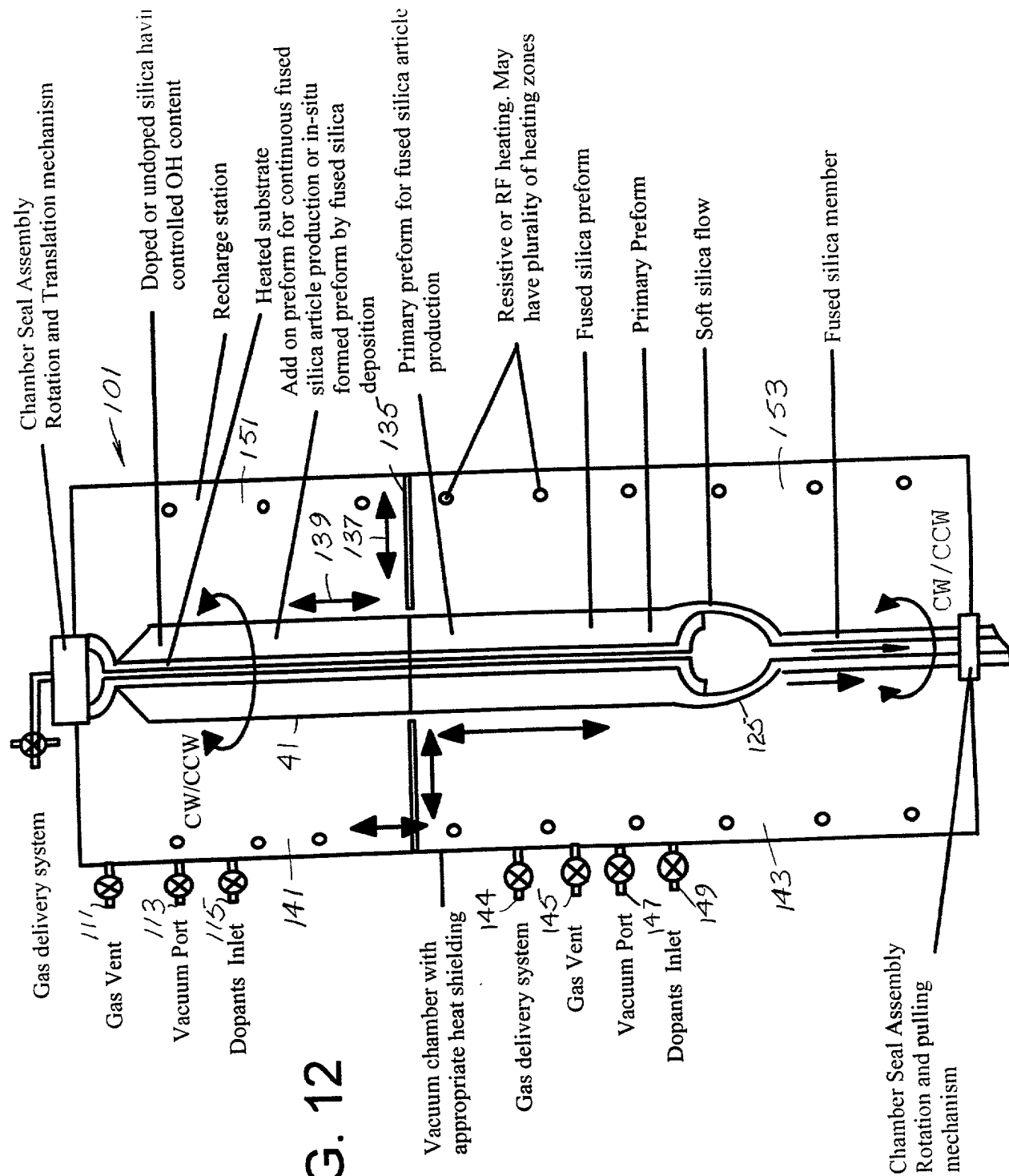
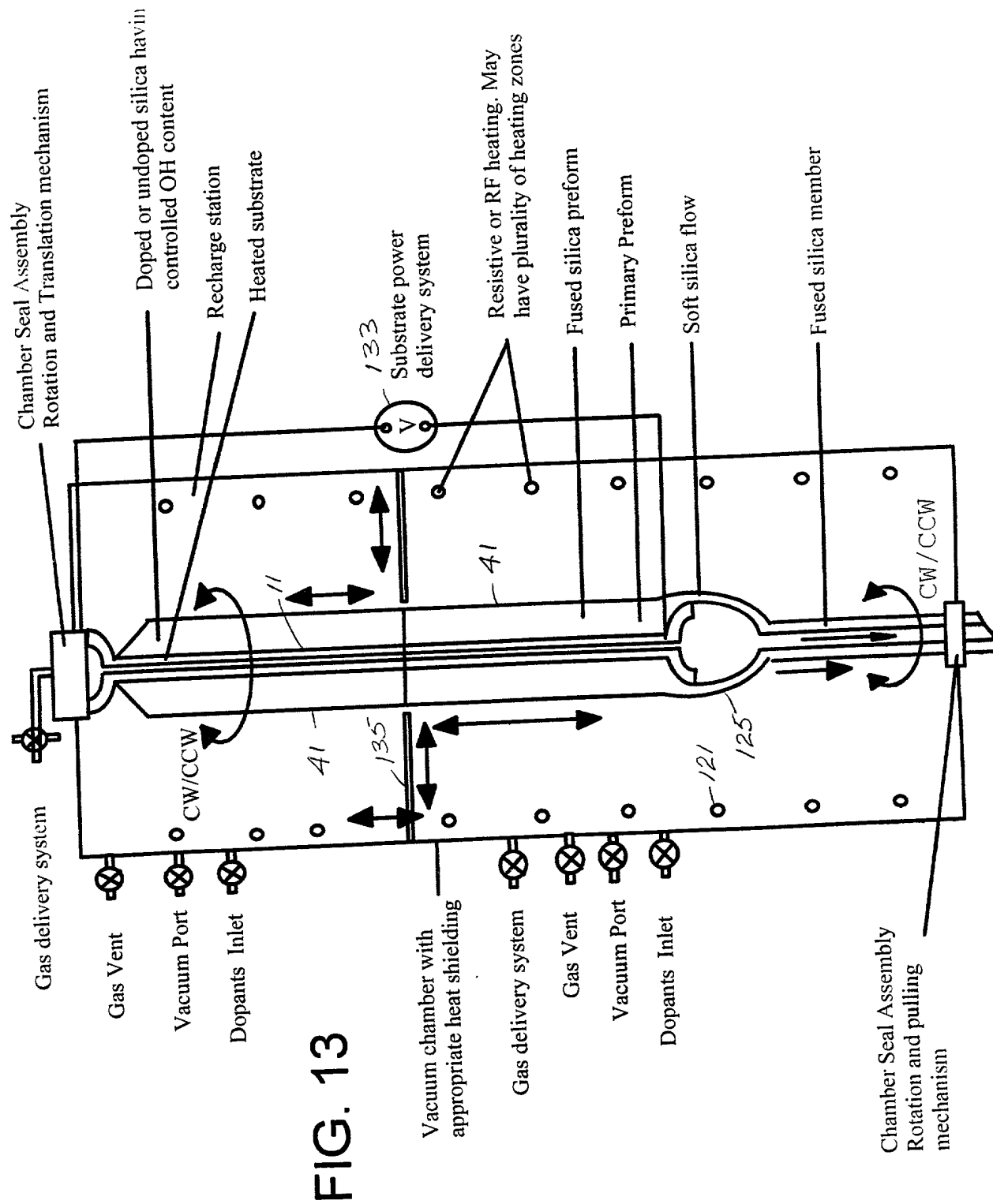


FIG. 11





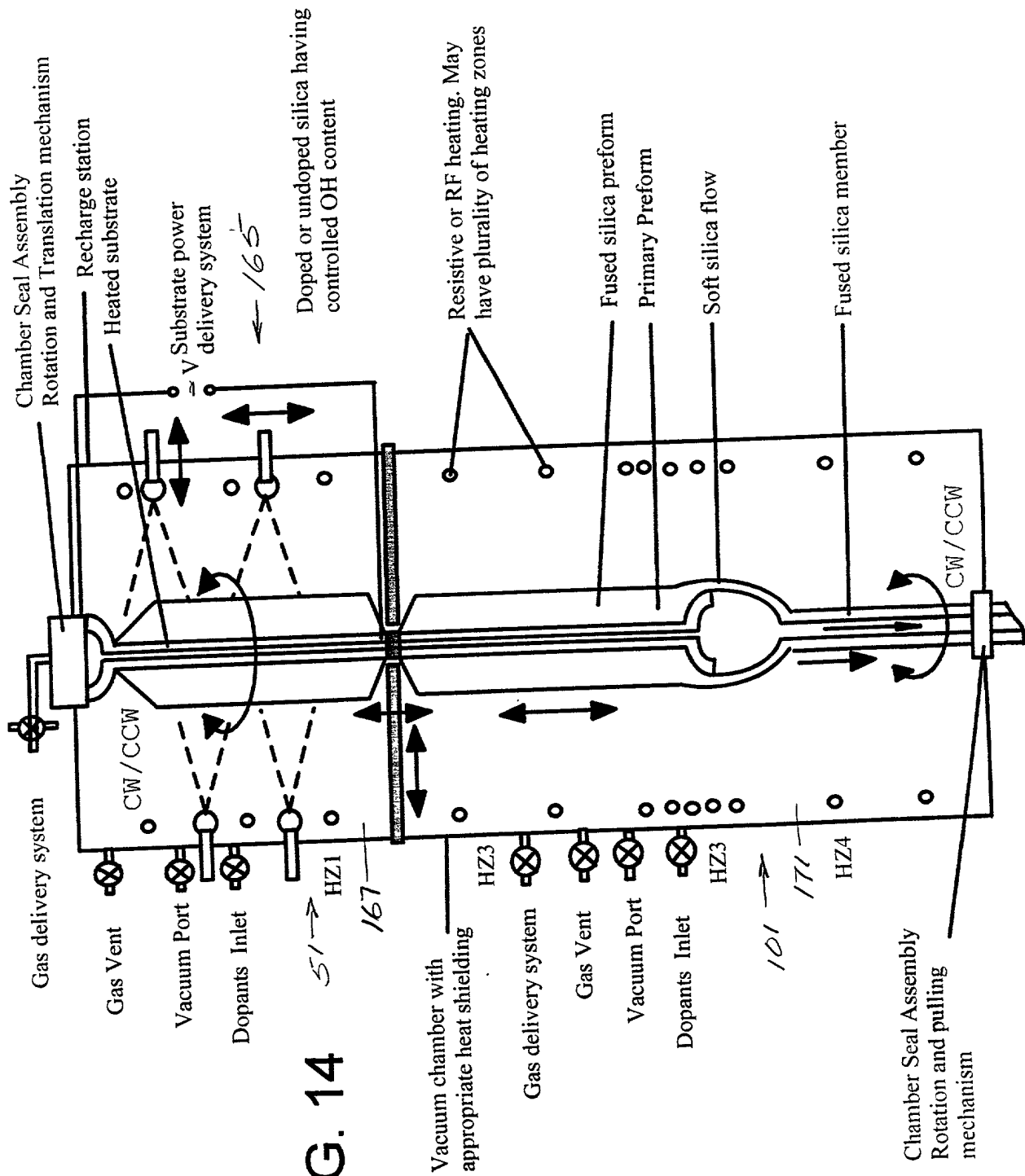
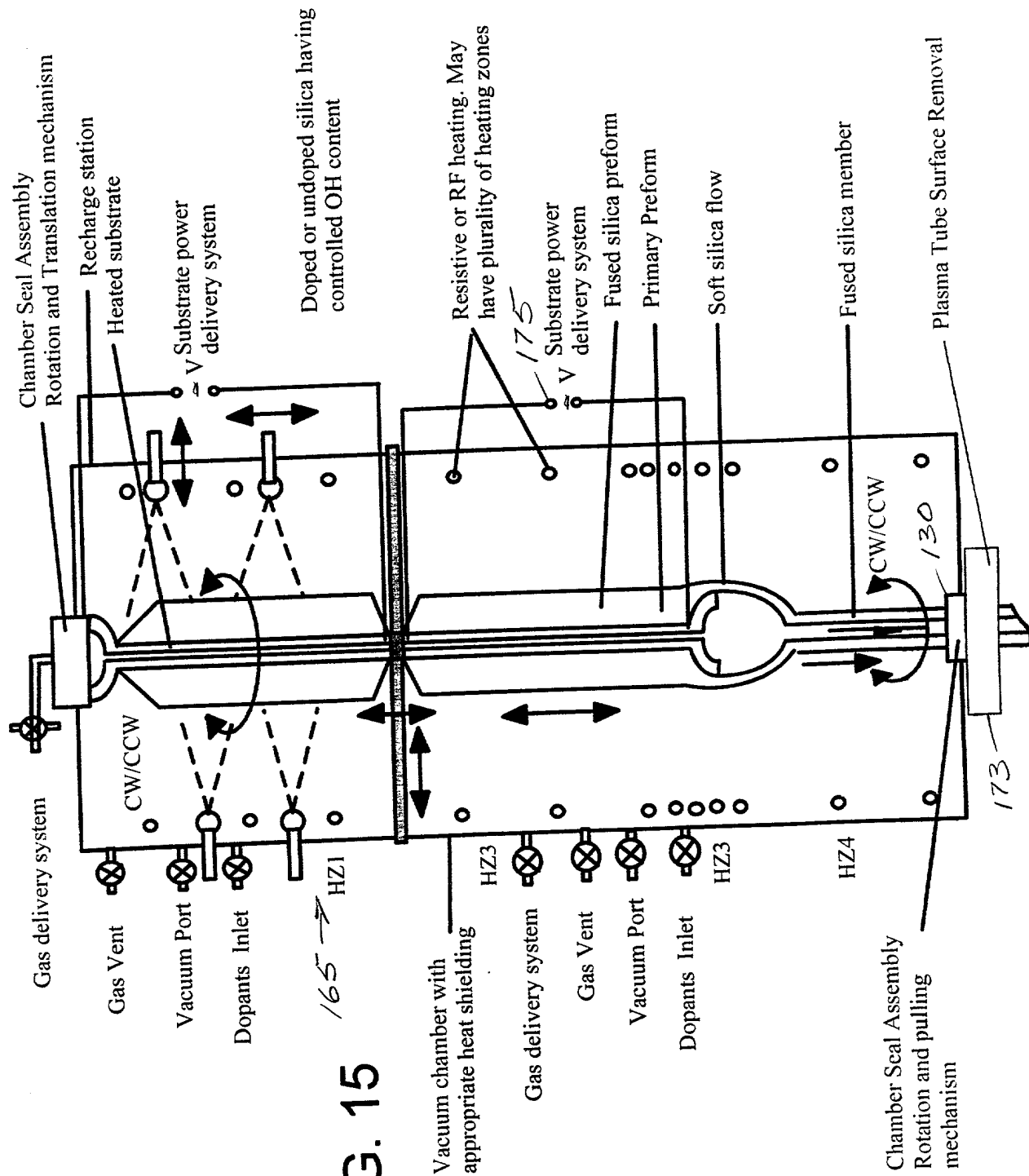


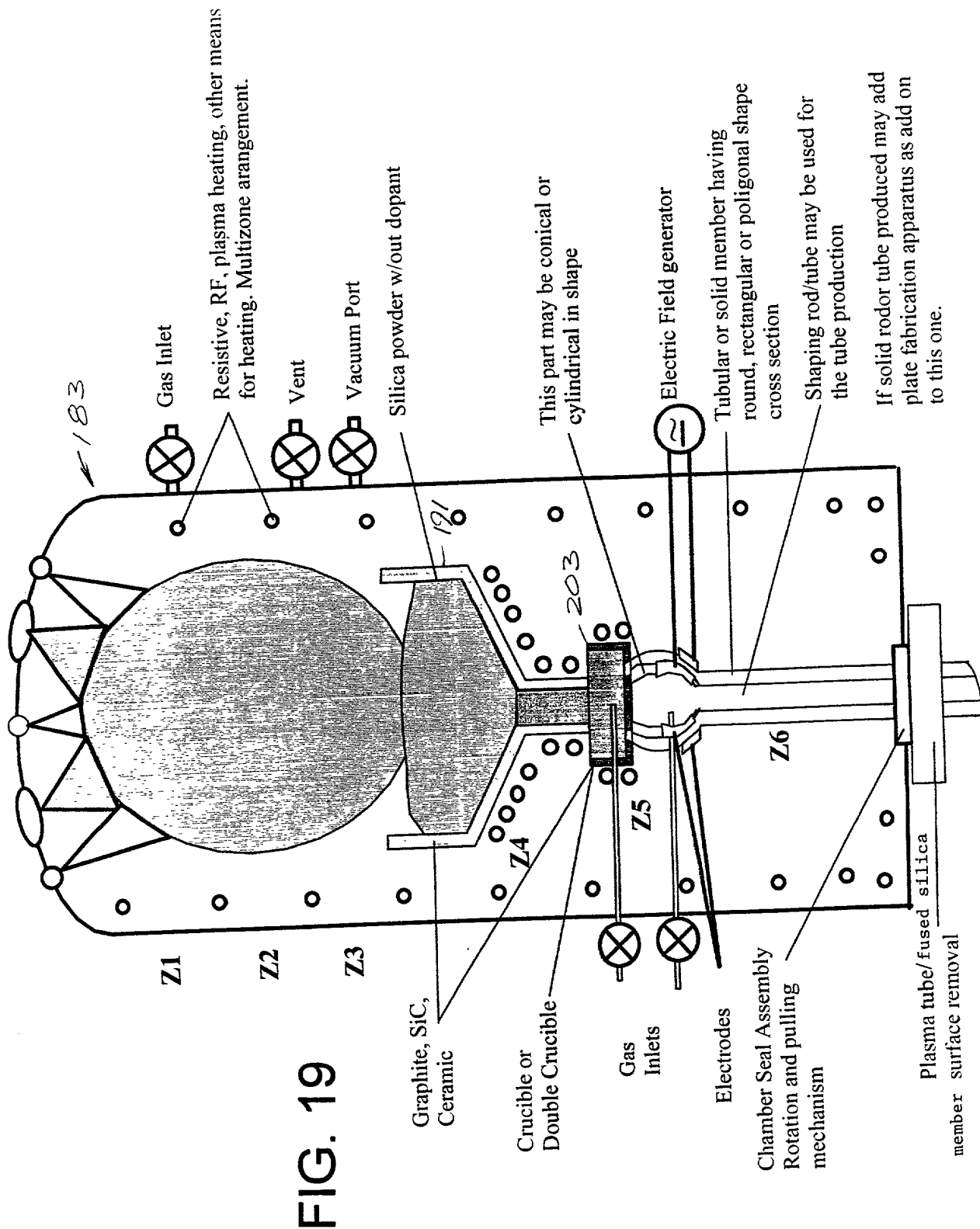
FIG. 14











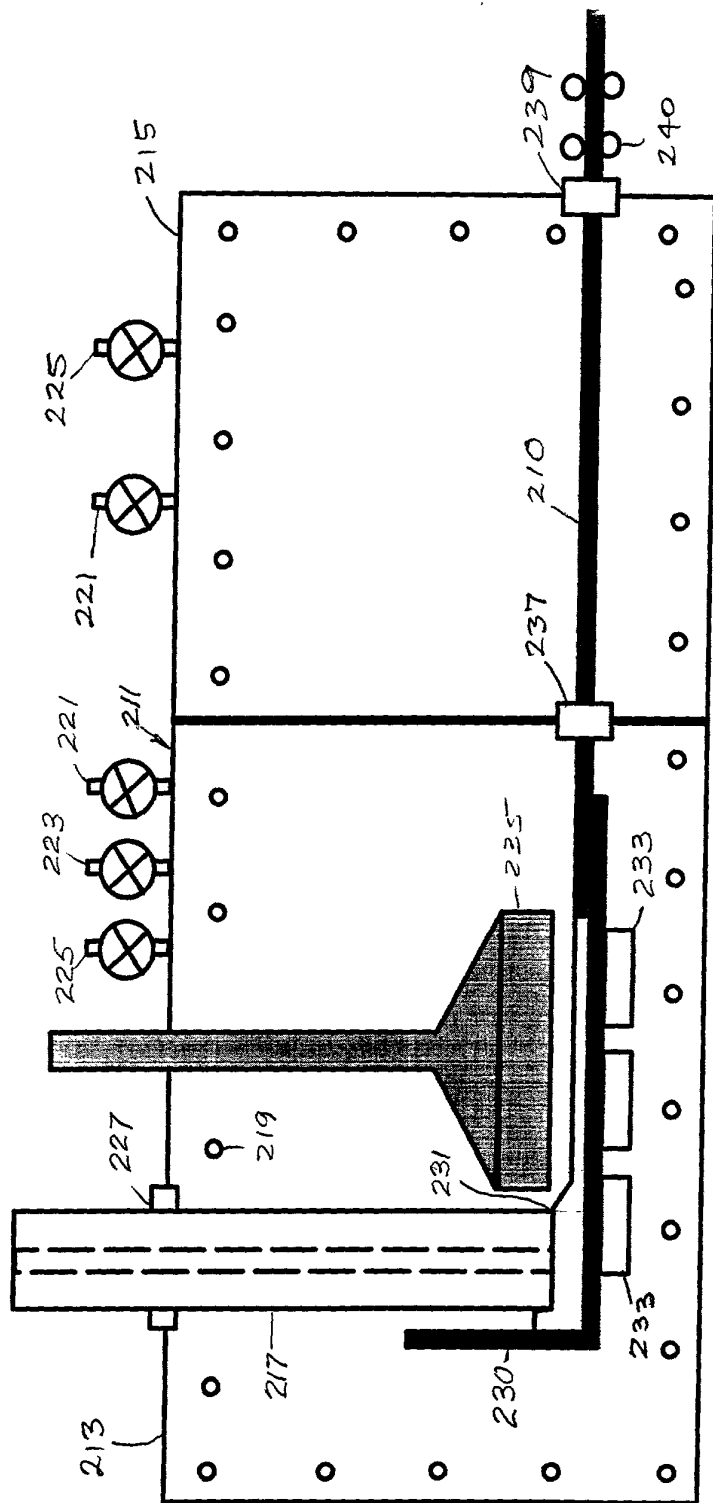


FIG. 20

FIG. 21

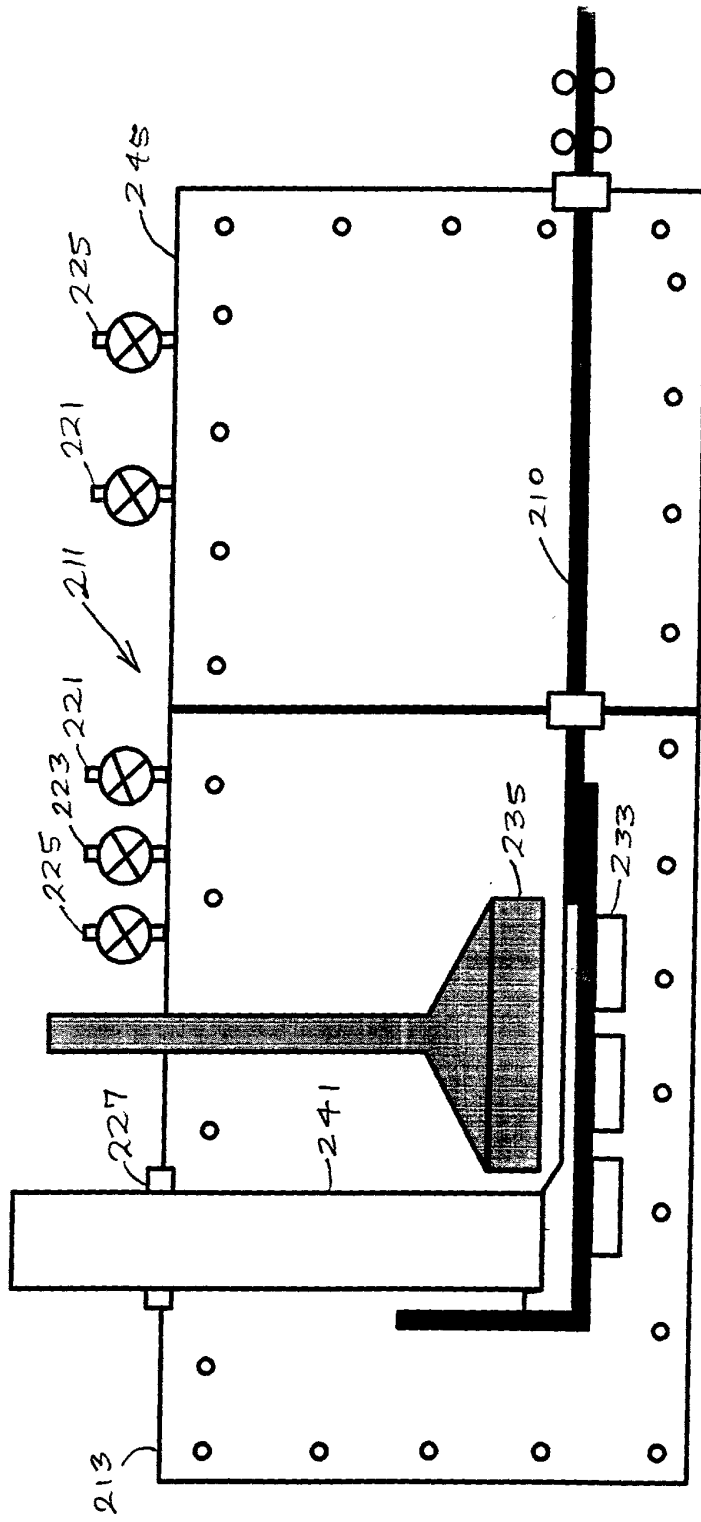


FIG. 21

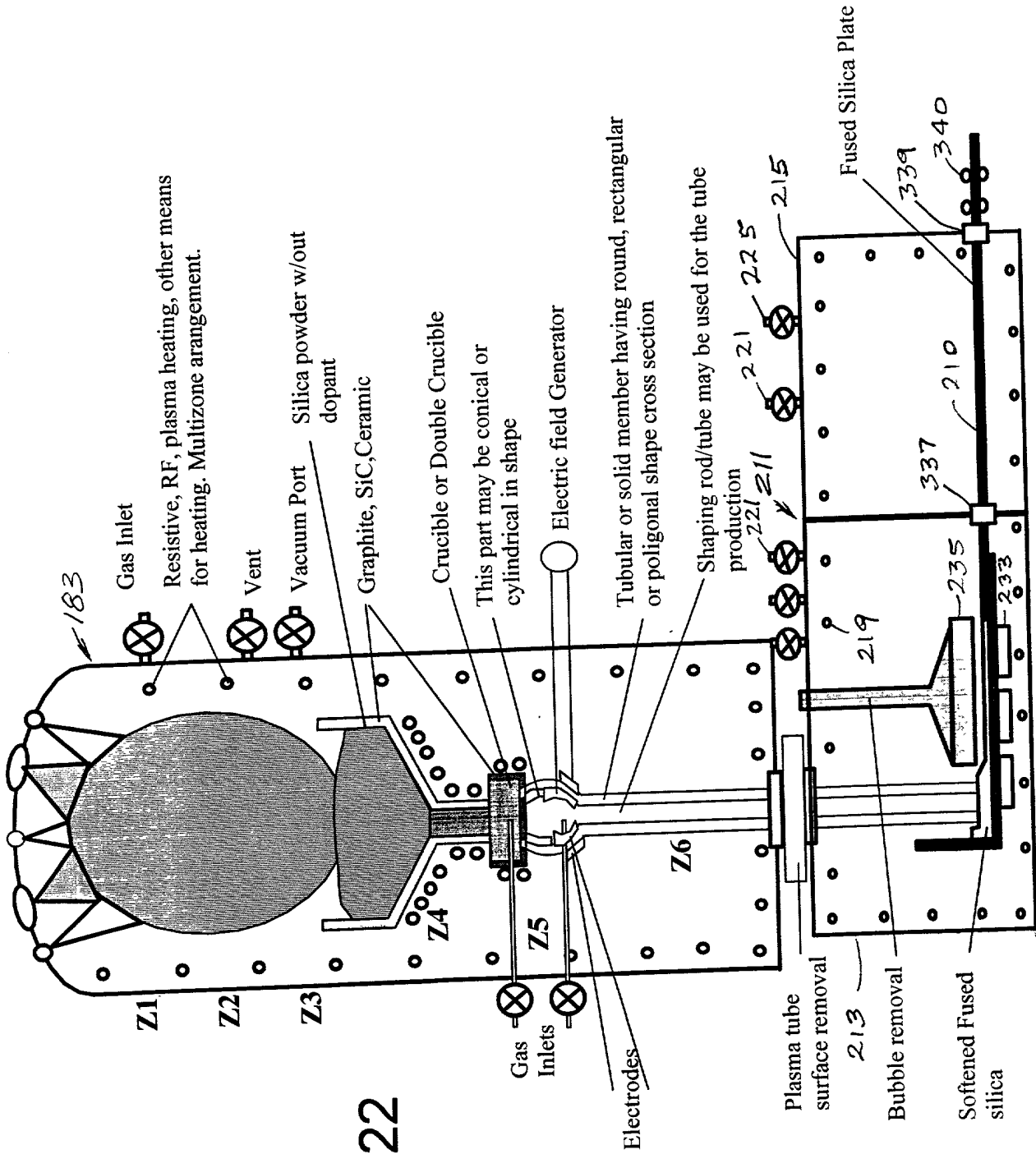


FIG. 22